

ABSTRACT

5 A device for enhancing the maneuverability of inboard motor boats, including a high velocity water jet pump, is attached to a main propulsion engine, through an electromagnetic clutch, and controlled from the cock pit. High velocity water flows from the pump's outlet, to bow and stern side jet nozzles, through solenoid valves, individually controlled, by electric switches A, B and C, on the boat's cock-pit. Prime benefits are, by using jet thrust forces in pairs, 10 fore and aft, the boat will turn twice as fast and more accurately. Also, the boat can move sideways when needed, in restricted berths, easily and quickly. Secondary benefits are that a fire can be fought on board, or on any other vessel. Further, bilge water can be pumped, when the bilge pumps cannot do so. Additionally, the pump's entire outlet can be diverted to transom jet nozzles and used for auxiliary propulsion power, when circumstances ask for it, whereby the 15 payment of salvage charges can be legally avoided and, instead, towage charges can be paid, if one is needed.